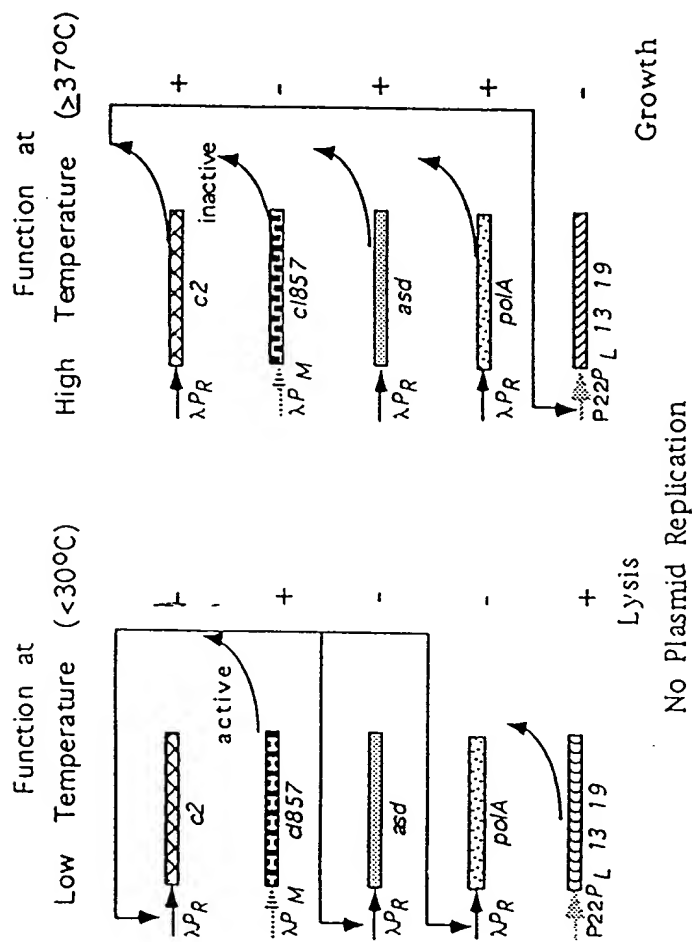
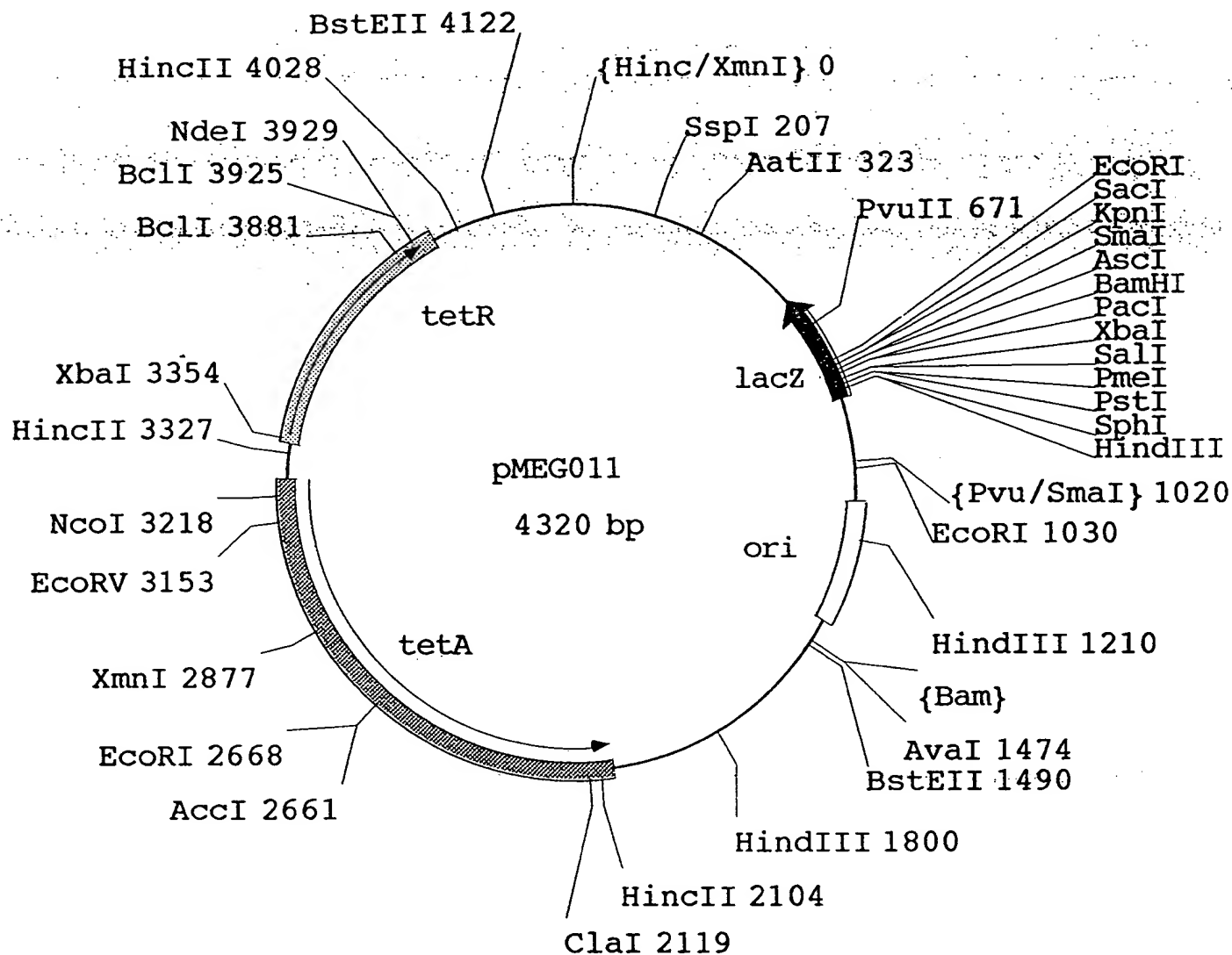


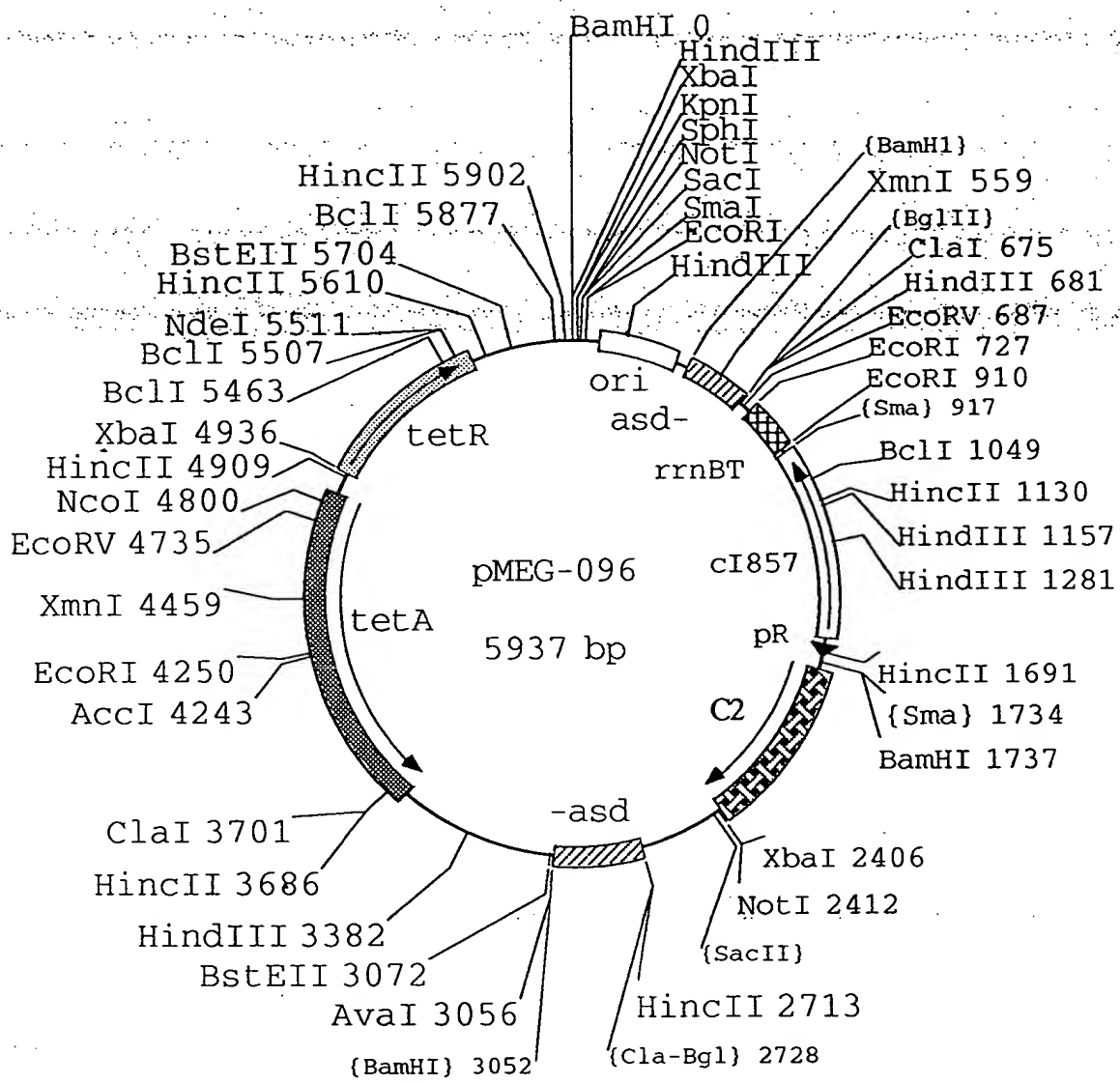
Figure 1



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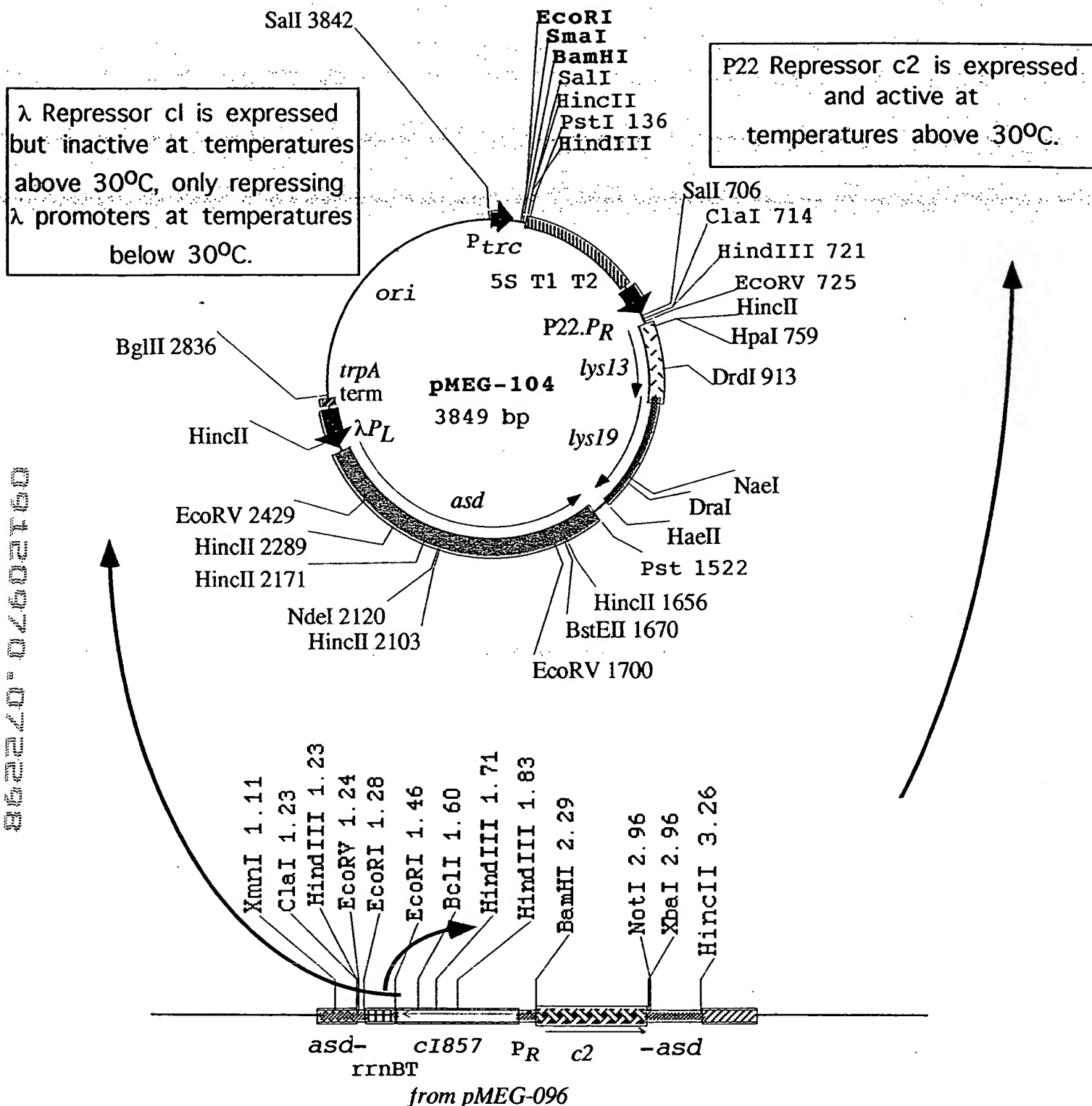
**Figure 2**  
A *pir*-dependent suicide vector



**Figure 3**

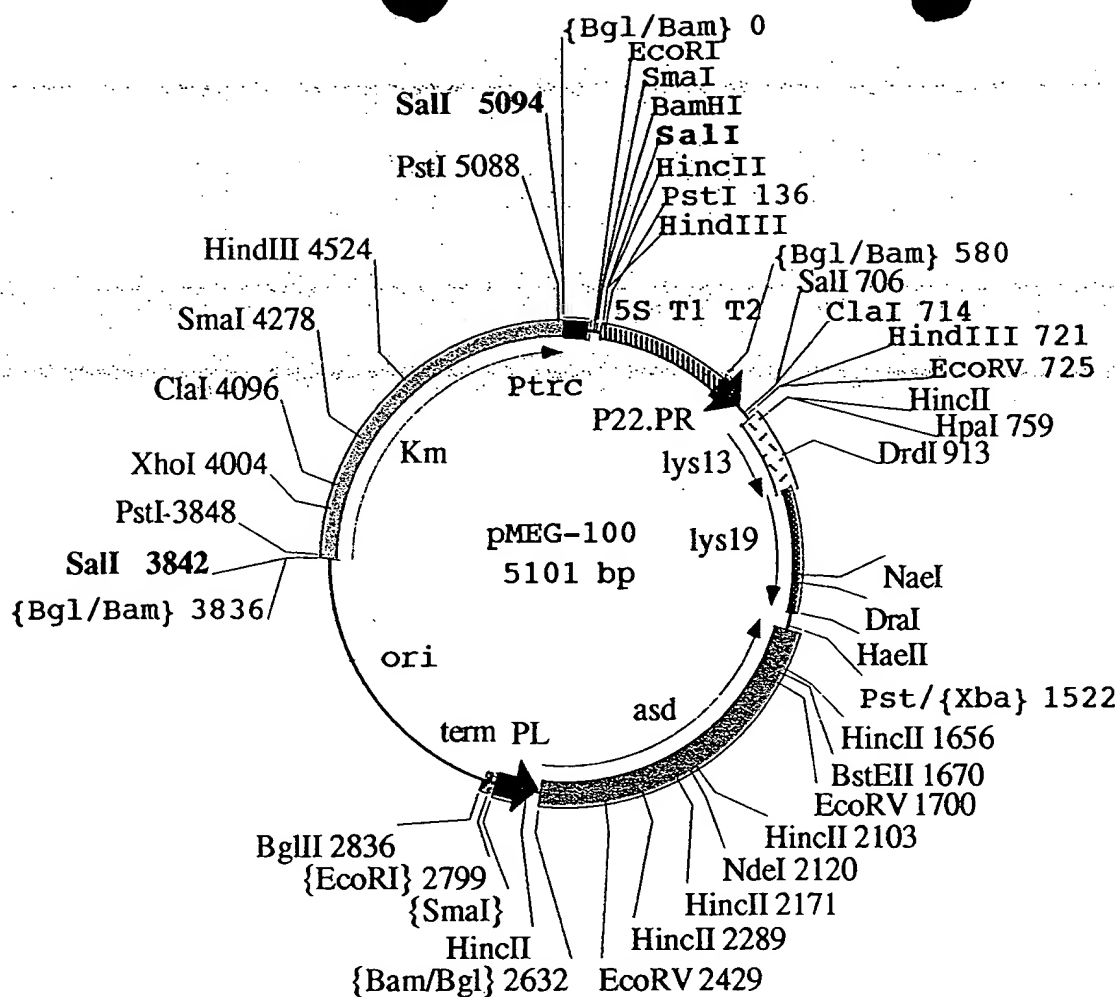
A *pir*-dependent suicide construct for insertion of the *P<sub>R</sub>* driven *c2* gene and *ci857* repressor into the *S. typhimurium asd* gene on the chromosome.

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**Figure 4**  
The Environmentally Limited Viability Components in the *S. typhimurium* Strain MGN-417

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**Figure 5**

The ELVS expression vector intermediate.

**Figure 6**  
**Growth of *S. typhimurium* Environmentally Limited Viability Construct**  
**Relative to Normal *S. typhimurium* with Asd+ Vector**

